

Please type a plus sign (+) in this box  
Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 35] (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&amp;D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings (<i>if filed</i>) -Detailed Description -Claim(s) -Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 7]</p> <p>5. Oath or Declaration [Total Pages 2] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> <b>DELETION OF INVENTORS</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6 <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>	<p>7. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid sequence Submission <i>(if applicable, all necessary)</i></p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>
<b>ACCOMPANYING APPLICATION PARTS</b>	
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; documents(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b) (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p>	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.:

Prior application information:

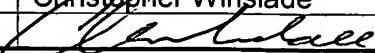
Examiner:

Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number	23446		or <input type="checkbox"/> Correspondence address below		
Name	Christopher Winslade				
Address	McAndrews, Held & Malloy				
	500 West Madison, Suite 3400				
City	Chicago	State	IL	Zip Code	60661
Country	USA	Telephone	(312) 775-8000	Fax	(312) 775-8100

Name (Print/type)	Christopher Winslade	Registration No. (Attorney/Agent)	36,308
Signature			
	Date: 11/18/03		

U.S. PTO  
22154 U.S.P.T.O.  
10/16282



Under the Paperwork Reduction act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

## FEE TRANSMITTAL for FY 2004

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$950.00)

Compl t if Known	
Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Prasad Boppana
Examiner Name	Unassigned
Group Art Unit	Unassigned
Attorney Docket No.	14137US02

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																						
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">Deposit Account Number</td><td colspan="3">13-0017</td></tr> <tr><td style="text-align: center;">Deposit Account Name</td><td colspan="3">McAndrews Held &amp; Malloy</td></tr> </table> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  <input type="checkbox"/> Applicant claims small entity status.      See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:  <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>				Deposit Account Number	13-0017			Deposit Account Name	McAndrews Held & Malloy			<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Fee Code</th> <th style="width: 10%;">Large Entity Fee (\$)</th> <th style="width: 10%;">Small Entity Fee (\$)</th> <th style="width: 60%;">Fee Description</th> <th style="width: 10%;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="4">*Reduced by Basic Filing Fee Paid</td><td>SUBTOTAL (3) (\$)</td></tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	1053	130	1053	130	Non-English specification	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	1251	110	2251	55	Extension for reply within first month	1252	420	2252	210	Extension for reply within second month	1253	950	2253	475	Extension for reply within third month	1254	1,480	2254	740	Extension for reply within fourth month	1255	2,010	2255	1,005	Extension for reply within fifth month	1401	330	2401	165	Notice of Appeal	1402	330	2402	165	Filing a brief in support of an appeal	1403	290	2403	145	Request for oral hearing	1451	1,510	1451	1510	Petition to institute a public use proceeding	1452	110	2452	55	Petition to revive - unavoidable	1453	1,330	2453	665	Petition to revive - unintentional	1501	1,330	2501	665	Utility issue fee (or reissue)	1502	480	2502	240	Design issue fee	1503	640	2503	320	Plant issue fee	1460	130	1460	130	Petitions to the Commissioner	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	1806	180	1806	180	Submission of Information Disclosure Stmt	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	1801	770	2801	385	Request for Continued Examination (RCE)	1802	900	1802	900	Request for expedited examination of a design application	Other fee (specify) _____					*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)
Deposit Account Number	13-0017																																																																																																																																																																									
Deposit Account Name	McAndrews Held & Malloy																																																																																																																																																																									
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																						
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																						
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																						
1053	130	1053	130	Non-English specification																																																																																																																																																																						
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																						
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																						
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																						
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																						
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																						
1253	950	2253	475	Extension for reply within third month																																																																																																																																																																						
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																						
1255	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																						
1401	330	2401	165	Notice of Appeal																																																																																																																																																																						
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																						
1403	290	2403	145	Request for oral hearing																																																																																																																																																																						
1451	1,510	1451	1510	Petition to institute a public use proceeding																																																																																																																																																																						
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																						
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																						
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																						
1502	480	2502	240	Design issue fee																																																																																																																																																																						
1503	640	2503	320	Plant issue fee																																																																																																																																																																						
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																						
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																						
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																						
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																						
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																						
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																						
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																						
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																						
Other fee (specify) _____																																																																																																																																																																										
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)																																																																																																																																																																						
**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																										

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Christopher C. Winslade	Registration No. (Attorney or Agent)	36,308	Telephone (312) 775-8000
Signature				Date 11/18/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.